To: CHIRAYATH, VED (ARC-SG)[ved.chirayath@nasa.gov]; Instrella, Ron (ARC-SG)[Bay Area Environmental Research Institute][ron.instrella@nasa.gov]; Aurell, Johanna[Aurell.Johanna@epa.gov];

Mitchell, Bill[mitchell.bill@epa.gov]

Cc: Greenwell, Dale[greenwell.dale@epa.gov]; Lavoie, Tegan[lavoie.tegan@epa.gov]

From: Gullett, Brian

Thur 9/1/2016 3:33:11 PM Sent: Subject: FW: Plan for OBG Testing

OBG Layout for Testing 1 September 2016.pptx

Translated, this means that they will put 594 lbs of MK90 in pan 8A and 594 lbs in 8B (for example) in the hopes that they can fire them separately with some time in between. However, sometimes one pan fire jumps over to the other, igniting the second pan.

Same with the skid waste; some in the A pan, some in the B pan.

Brian

From: Stewart, Jay (US) [mailto:jay.stewart@baesystems.com]

Sent: Thursday, September 01, 2016 10:45 AM

To: Gullett, Brian < Gullett.Brian@epa.gov>; Jennings, Brad (brad.jennings@us.army.mil) (brad.jennings@us.army.mil) (brad.jennings@us.army.mil) <brad.jennings@us.army.mil>

Cc: Meuer, Kim (US) < kim.meuer@baesystems.com>; Williams, Chucky (US)

<chucky.williams@baesystems.com>; Conley, Wendy (US) <wendy.conley@baesystems.com>;

Conley, Calvin (US) <calvin.conley@baesystems.com>; Hendon, Bill (US)

<bill.hendon@baesystems.com>; Worrell, David (US) <david.worrell@baesystems.com>

Subject: Plan for OBG Testing

I spoke with the DEQ and they are going to allow multiple pan burns during the test as long as we don't exceed our daily limit.

The attached drawing shows the layout of the pans in relationship to the OBG Office trailer and where we are going to place the EPA trailer.

The OBG is set up to have dry burns in pans 8, 6 and 2. The burns will be 594 pounds of propellant in each pan which is 78 MK90s. Pan 2 will have 10 pounds of starter while 6 and 8 have 5 pounds.

We can use both pans at one on 8 and 6 or try to stagger them by a few minutes. Calvin has been working this out and will be a big help on this.

Skid burns are set up to burn in pans 1, 3, and 5. The skid burns are placed on pallets and use diesel fuel to ignite and will have the same weight in each skid.

The operator comes in around 0600 and tries to burn at 0930 weather permitting.

If you have any questions, let me know. I will be out starting tomorrow and be back on 7 September 2016.

Jay Stewart

Environmental Manager

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